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**From:** Linkins, Samantha [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B7A94AA2975D4933981A8A9BF12AAA40-LINKINS, SAMANTHA]  
**Sent:** 10/17/2018 3:12:04 PM  
**To:** Orme-Zavaleta, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3c5a111dc377411595e5b24b5d96146b-Orme-Zavaleta, Jennifer]; Dunlap, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=591eb15a268249dda0c05a7451f765c3-Dunlap, Dav]; D'Amico, Louis [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=78a91f83c4414910be286efe02004dbc-D'Amico, Louis J.]  
**CC:** Blackburn, Elizabeth [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a080eb90549a453aaa6a357f5257c0b7-Blackburn, Elizabeth]; Christian, Megan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64a0f5e0e9d94271b23cad28db653851-Lizotte, Me]; Kuhn, Kevin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be20941b4c1144b8b3635e4df015924a-Kuhn, Kevin]  
**Subject:** RE: For Review: Qs from Sens Durbin & Duckworth

Thank you both! I'll send these over to OCIR.

Samantha Linkins  
Science Communication  
Office of Research and Development, US EPA  
Washington, DC  
Office: 202-564-1834  
Cell: Personal Matters / Ex. 6

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**From:** Orme-Zavaleta, Jennifer  
**Sent:** Wednesday, October 17, 2018 11:11 AM  
**To:** Dunlap, David <dunlap.david@epa.gov>; Linkins, Samantha <Linkins.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>  
**Cc:** Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>  
**Subject:** RE: For Review: Qs from Sens Durbin & Duckworth

I am good w these edits

Jennifer Orme-Zavaleta, PhD  
Principal Deputy Assistant Administrator for Science  
Office of Research and Development  
US Environmental Protection Agency  
Cell: Personal Matters / Ex. 6  
DC  
RTP:

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**From:** Dunlap, David  
**Sent:** Wednesday, October 17, 2018 8:53 AM  
**To:** Linkins, Samantha <Linkins.Samantha@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Orme-Zavaleta, Jennifer <Orme-Zavaleta.Jennifer@epa.gov>  
**Cc:** Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>; Christian, Megan <Christian.Megan@epa.gov>; Kuhn, Kevin <Kuhn.Kevin@epa.gov>  
**Subject:** RE: For Review: Qs from Sens Durbin & Duckworth

I suggest the following:

**Q: What is the difference between manganese standard for epa vs atsdr?**

# Deliberative Process / Ex. 5

**Q: Where did the criticism of the science on TCE come from-industry or science community?**

# Deliberative Process / Ex. 5

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**From:** Linkins, Samantha

**Sent:** Tuesday, October 16, 2018 3:48 PM

**To:** D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Dunlap, David <[dunlap.david@epa.gov](mailto:dunlap.david@epa.gov)>

**Cc:** Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>

**Subject:** RE: For Review: Qs from Sens Durbin & Duckworth

OCIR has not gotten back about the clarification yet, but OCIR got their wires crossed and had OAR concurrently draft a response to this question as well. I have pasted OAR's response below our current draft (which removes the drinking water note and added the third bullet). They basically say the same things, but ours is a bit more succinct, so I'd recommend moving forward with our draft if you approve.

**Q: What is the difference between manganese standard for epa vs atsdr?**

**ORD's Current Draft Response**

# Deliberative Process / Ex. 5

# Deliberative Process / Ex. 5

Samantha Linkins  
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**From:** Linkins, Samantha  
**Sent:** Tuesday, October 16, 2018 2:41 PM  
**To:** D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>; Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Dunlap, David <[dunlap.david@epa.gov](mailto:dunlap.david@epa.gov)>  
**Cc:** Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>  
**Subject:** RE: For Review: Qs from Sens Durbin & Duckworth

I've asked OCIR for clarification. But I think Lou is right,

**Deliberative Process / Ex. 5**

## Deliberative Process / Ex. 5

Samantha Linkins  
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**From:** D'Amico, Louis  
**Sent:** Tuesday, October 16, 2018 2:38 PM  
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Linkins, Samantha <[Linkins.Samantha@epa.gov](mailto:Linkins.Samantha@epa.gov)>; Dunlap, David <[dunlap.david@epa.gov](mailto:dunlap.david@epa.gov)>  
**Cc:** Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>  
**Subject:** RE: For Review: Qs from Sens Durbin & Duckworth

# Deliberative Process / Ex. 5

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**From:** Orme-Zavaleta, Jennifer  
**Sent:** Tuesday, October 16, 2018 2:34 PM  
**To:** Linkins, Samantha <[Linkins.Samantha@epa.gov](mailto:Linkins.Samantha@epa.gov)>; Dunlap, David <[dunlap.david@epa.gov](mailto:dunlap.david@epa.gov)>  
**Cc:** Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>  
**Subject:** RE: For Review: Qs from Sens Durbin & Duckworth

## Deliberative Process / Ex. 5

Jennifer Orme-Zavaleta, PhD  
Principal Deputy Assistant Administrator for Science  
Office of Research and Development  
US Environmental Protection Agency

Personal Matters / Ex. 6

**From:** Linkins, Samantha  
**Sent:** Tuesday, October 16, 2018 2:06 PM  
**To:** Orme-Zavaleta, Jennifer <[Orme-Zavaleta.Jennifer@epa.gov](mailto:Orme-Zavaleta.Jennifer@epa.gov)>; Dunlap, David <[dunlap.david@epa.gov](mailto:dunlap.david@epa.gov)>  
**Cc:** Blackburn, Elizabeth <[Blackburn.Elizabeth@epa.gov](mailto:Blackburn.Elizabeth@epa.gov)>; Christian, Megan <[Christian.Megan@epa.gov](mailto:Christian.Megan@epa.gov)>; Kuhn, Kevin <[Kuhn.Kevin@epa.gov](mailto:Kuhn.Kevin@epa.gov)>; D'Amico, Louis <[DAmico.Louis@epa.gov](mailto:DAmico.Louis@epa.gov)>  
**Subject:** For Review: Qs from Sens Durbin & Duckworth

Hi Jennifer and David,

Last week, AA Wheeler had a call with Senators Durbin and Duckworth. There were two follow up questions that staffers sent pertaining to ORD. OCIR asked for some short and sweet language in response. Lou, Tina, and David Bussard have reviewed these draft answers. Could you review these before I send them back over to OCIR? Thanks!

**Q:** What is the difference between manganese standard for epa vs atsd?

## Deliberative Process / Ex. 5

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Q: Where did the criticism of the science on TCE come from-industry or science community?

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